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ABSTRACT OF THE DISCLOSURE

*me* A drive-section-isolated FOUP opener opens and closes a FOUP door which closes a front opening portion of a FOUP which contains a plurality of semiconductor wafers. The FOUP opener includes a dock plate for carrying and positioning the FOUP; a dock moving mechanism for moving the dock plate to a position for detachment/attachment of the FOUP door; a port door including a detachment/attachment mechanism for detaching/attaching the FOUP door and a holder mechanism for holding the FOUP door; a port plate including an opening portion, the opening portion being closed by the port door; a port door horizontal-movement mechanism for horizontally moving the port door; a sensor horizontal-movement mechanism for horizontally moving a sensor bracket, the sensor bracket having a mapping sensor mounted on an upper portion thereof; and a port-door-and-sensor vertical-movement mechanism for vertically moving the port door and the sensor bracket with the port door holding the FOUP door, so as to house the FOUP door. A drive section of the port door horizontal-movement mechanism, a drive section of the sensor horizontal-movement mechanism, and a drive section of the port-door-and-sensor vertical-movement mechanism are disposed in opposition to a clean room which houses the port door and the sensor bracket with respect to the port plate.

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